

# *Lotus halophilus*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.72**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **11.5**

Moisture indicator value: **1.5**

Reaction indicator value: **8**

Nutrient indicator value: **5**

Salinity indicator value: **2.5**

### Disturbance indicator values

Disturbance frequency: **1.11**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.57**

Mowing frequency: **0.13**

Grazing pressure: **0.28**

Soil disturbance: **0.4**

### **Habitat and sociology**

Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Coastal beach, dune or shingle, Saline vegetation**